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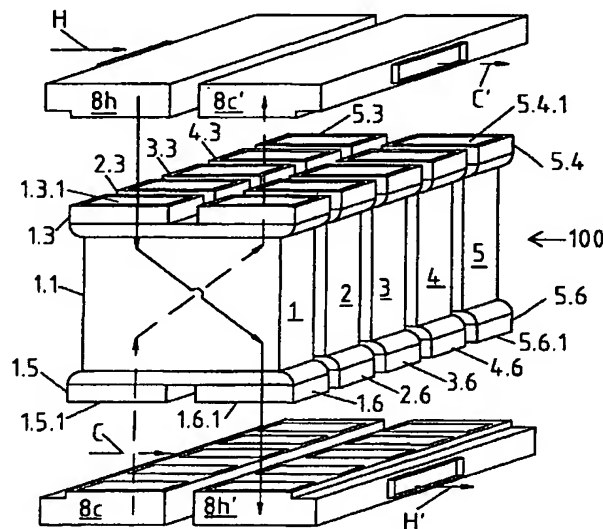
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(54) Title: MODULAR REGENERATIVE HEAT EXCHANGER SYSTEM



(57) Abstract: A plurality of independently operable regenerative heat exchanger modules (1-5) are provided to regeneratively transfer heat from a hot gas to a cold gas. The regenerative heat exchanger modules are connected to a regenerative heat exchanger system controller (1p-5p) which staggers the operation of each regenerative heat exchanger module to simulate the operation of a rotary regenerative heat exchanger. The regenerative heat exchanger system controller can manually or automatically take selected ones of the regenerative heat exchanger modules off-line while the remaining regenerative heat exchanger modules continue to simulate the operation of the rotary regenerative heat exchanger. Also disclosed are a control system and a method for operating a number of independently operable regenerative heat exchanger modules to simulate the operation of a rotary regenerative heat exchanger.

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